

**APPLICATION FOR PERMIT  
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office NOV 01 1996

Returned to applicant for correction \_\_\_\_\_

Corrected application filed \_\_\_\_\_

Map filed NOV 01 1996

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The applicant **Southern Nevada Water Authority**, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

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1. The source of the proposed appropriation is **underground shallow aquifer system in the Las Vegas Valley Ground-Water Basin**

2. The amount of water applied for is **.07 cfs, not to exceed 50 acre-feet annually** second-feet

(a) If stored in reservoir give number of acre-feet

3. The water to be used for **Irrigation research**

4. If use is for:

(a) Irrigation, state number of acres to be irrigated **10 acres**

(b) Stockwater, state number and kinds of animals to be watered

(c) Other use (describe fully under No. 12. "Remarks")

(d) Power:

(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point located **within the SE¼ NW¼, Section 22, T.21S., R.61E., M.D.M., at a point from which the SE corner of said Section 22 bears S. 41°25'45" E., a distance of 4287.57 feet.**

6. Place of Use **Ten acres located within the SE¼ NW¼, Section 22, T.21S., R.61E., M.D.M.**

7. Use will begin about **January 1** and end about **December 31**, of each year.

8. Description of proposed works **36-inch drilled well to 105 ft. with 8-inch casing to 105 ft. and 3-hp submersible pump.**

9. Estimated cost of works **\$25,000**

10. Estimated time required to construct works **Completed as described in #8 above.**

11. Estimated time required to complete the application of water to beneficial use **5 years**

12. Remarks: **This well will be used to research the potential of using the shallow aquifer for turf irrigation.**

By **s/David A. Donnelly**

**David A. Donnelly, P.E., N.S.W.R.S., No. 880  
1001 S. Valley View Boulevard  
Las Vegas, Nevada 89153**

Compared **cms/bk** cl/cms

Protested \_\_\_\_\_

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APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use.

This permit is issued subject to the provisions of NRS 534.025 and 534.050 (2c) and based on the particular hydrologic conditions in the area of the place of use. The water to be diverted under this permit is a result of the rise of groundwater caused by secondary recharge and therefore does not provide or guarantee the long term availability for continuous use of this water from this source.

This well shall be equipped with a two (2) inch opening for measuring depth to water. A dedicated monitoring well can be used in lieu of this two (2) inch opening. The State Engineer shall approve the placement of any monitoring wells.

A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and accurate measurements must be kept of water placed to beneficial use. The totalizing meters and any monitoring wells must be installed before any use of water begins, or before the Proof of Completion of Work is filed.

The place of use of this permit is limited to the ten acre area described within Application 62555.

The depth of the well under this permit shall not in any case exceed the depth of the first confining layer below this shallow aquifer.

A monthly report shall be submitted to the State Engineer within 10 days from the end of each month which shall include the amount of water pumped from each well, the use of the water and the depth to water in this well or any monitoring well.

Water quality samples shall be taken from each well on a quarterly basis, analyzed for total dissolved solids (TDS), pH and chloride, and reported to this office along with the appropriate monthly report.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

The State retains the right to regulate the use of the water herein granted at any and all times.

(CONTINUED ON PAGE 2)

## (PERMIT TERMS CONTINUED)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.07 cubic feet per second, but not to exceed 50.0 acre-feet annually, and not to exceed a yearly duty of 5.0 acre-feet per acre of land irrigated from any and/or all sources.

Work must be prosecuted with reasonable diligence and be completed on or before:

May 20, 1999

Proof of completion of work shall be filed before:

June 20, 1999

Application of water to beneficial use shall be filed on or before:

May 20, 2002

Proof of the application of water to beneficial use shall be filed on or before:

June 20, 2002

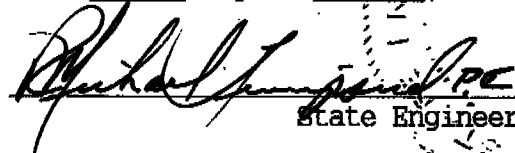
Map in support of proof of beneficial use shall be filed on or before:

June 20, 2002

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.,  
State Engineer of Nevada, have hereunto set

my hand and the seal of my office,

this 20th day of May, A.D. 1997

  
State Engineer

Completion of work filed JUL 26 1999

Proof of beneficial use filed \_\_\_\_\_

Cultural map filed \_\_\_\_\_

Certificate No. \_\_\_\_\_ Issued \_\_\_\_\_

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